



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

**C45-18-1**  
**Job Sheet 175741**



Part No: C45-18-1

Job Qty: 12 ea

Part Name: Lifting Plate



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/10/18

Job Tracking No:

Due Date: 5/4/18

Created By: Michelle Gagnon-Donovan

Type: Stock

Description:

Note: C45-18-1 REV.3 IPP REV:A 18.01.22 NEW ISSUE DD VERF:DP

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty    | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off           |
|-------|--------------------|--------|------------|----------|-----------|---------|-----------------------|-----------|--------------------|
|       |                    |        |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |                    |
| 90    | Start up Operation | 12 Ea  |            | 5/4/18   | 0.00      | 0.00    | Start Up Waterjet     |           | DL 18/05/15        |
| 110   | Waterjet           | 12 pcs |            | 5/4/18   | 0.00      | 1.20    | Waterjet 2 OMAX       |           | DL 18/05/15        |
| 120   | QC                 | 12 pcs |            | 5/4/18   | 0.00      | 0.00    | QC2 Waterjet-1        |           | DL 18/05/15        |
| 170   | QC                 | 12 pcs |            | 5/4/18   | 0.00      | 0.00    | QC8-1                 |           | 38                 |
| 220   | Packaging          | 12 pcs |            | 5/4/18   | 0.00      | 0.00    | Packaging3            |           | 9-85 ER            |
| 230   | QC21-SA            | 12 Ea  |            | 5/4/18   | 0.00      | 0.00    | QC21                  |           | DAS 21 JUN 26 2018 |

Part Op 110 - 1-Cut as per Dwg (CANAM FOLDER) Dwg Rev: 3 Prog Rev: 3 2-Debur if necessary  
Descriptions:

### Job BOM

| Part / Item | Component Name  | Quantity           | Operation             | Container |
|-------------|-----------------|--------------------|-----------------------|-----------|
| M4130NS.250 | 4130 Sheet .250 | 5.2800 sf (.44 ea) | 90-Start up Operation |           |

### Job Allocations

| Operation             | Component Part | Required | Inventory | Allocated |
|-----------------------|----------------|----------|-----------|-----------|
| 90-Start up Operation | M4130NS.250    | 5        | 36        | 0         |

### Part Specifications

Specifications could not be found.

Plex 5/1/18 3:09 PM Dart.lajeunesse.marie

C45-18-1

DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

Work Order update only



|                                                                                                                                                                      |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------|--|
| <b>Work Order:</b> _____                                                                                                                                             |  | <b>DISPOSITION</b>                                                                                      |  | <b>AGAINST DEPARTMENT/PROCESS</b>                                                                                                                        |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Part No.</b> _____                                                                                                                                                |  | <input type="checkbox"/> Rework<br><input type="checkbox"/> Scrap<br><input type="checkbox"/> Use-as-is |  | <input type="checkbox"/> Skid-tube<br><input type="checkbox"/> Machining<br><input type="checkbox"/> Thermoforming<br><input type="checkbox"/> Large Fab |  | <input type="checkbox"/> Cross tube<br><input type="checkbox"/> Small Fab<br><input type="checkbox"/> Finishing<br><input type="checkbox"/> Composite |  | <input type="checkbox"/> Water Jet<br><input type="checkbox"/> Prod. Eng. Coord.<br><input type="checkbox"/> Rec/Store/Packaging<br><input type="checkbox"/> Supplier |  | <input type="checkbox"/> Engineering<br><input type="checkbox"/> Quality<br><input type="checkbox"/> Other |  |
| <b>NCR No.</b> _____                                                                                                                                                 |  | <b>Suspected Unapproved</b>                                                                             |  | <b>QTY Effective :</b>                                                                                                                                   |  |                                                                                                                                                       |  |                                                                                                                                                                       |  | <b>MRB (QS1042) Approval</b>                                                                               |  |
| <b>Date :</b> _____                                                                                                                                                  |  | <b>Step #:</b> _____                                                                                    |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Description Work Order Deviation</b>                                                                                                                              |  |                                                                                                         |  | <b>Disposition</b>                                                                                                                                       |  |                                                                                                                                                       |  | <b>Completed By</b>                                                                                                                                                   |  |                                                                                                            |  |
|                                                                                                                                                                      |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  | <b>Lead hand / Supervisor Approval Verification</b>                                                                                                                   |  |                                                                                                            |  |
|                                                                                                                                                                      |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  | <b>QC / QA Coordinator Approval</b>                                                                                                                                   |  |                                                                                                            |  |
|                                                                                                                                                                      |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Dart Aerospace Ltd.</b><br>1270 Aberdeen Street<br>Hawkesbury, ON K6A 1K7<br>CANADA<br>TEL : 1 813 632-5200<br>Email: sales@dartaero.com<br>www.dartaerospace.com |  |                                                                                                         |  | <b>Date:</b> 05/15/18                                                                                                                                    |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Root Cause</b>                                                                                                                                                    |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Environment</b>                                                                                                                                                   |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Design</b>                                                                                                                                                        |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Doc/Data</b>                                                                                                                                                      |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Equip/Tooling</b>                                                                                                                                                 |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Handling/Pre</b>                                                                                                                                                  |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Material</b>                                                                                                                                                      |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Internal Transport</b>                                                                                                                                            |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Tribal Knowledge</b>                                                                                                                                              |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>LOA</b>                                                                                                                                                           |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Substation</b>                                                                                                                                                    |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Past Expiry Date</b>                                                                                                                                              |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Misidentified</b>                                                                                                                                                 |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Product Improvement</b>                                                                                                                                           |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Process Improvement</b>                                                                                                                                           |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Manufacturing Process</b>                                                                                                                                         |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Past Due</b>                                                                                                                                                      |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>OTHER :</b>                                                                                                                                                       |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Container No: S071516</b>                                                                                                                                         |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Part: C45-18-1</b>                                                                                                                                                |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Job No: 175741</b>                                                                                                                                                |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Serial No/Batch: S071516</b>                                                                                                                                      |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Revision: 3</b>                                                                                                                                                   |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Inspector:</b>                                                                                                                                                    |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Date: 05/15/18</b>                                                                                                                                                |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Positioned Wrong</b>                                                                                                                                              |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Outside Dimensions</b>                                                                                                                                            |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Over/Under tolerance</b>                                                                                                                                          |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Part Incorrect</b>                                                                                                                                                |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Part Lost/Missing</b>                                                                                                                                             |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Part Moved</b>                                                                                                                                                    |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Drawing</b>                                                                                                                                                       |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Finish</b>                                                                                                                                                        |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Misread</b>                                                                                                                                                       |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |
| <b>Turning Sequence</b>                                                                                                                                              |  |                                                                                                         |  |                                                                                                                                                          |  |                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                            |  |

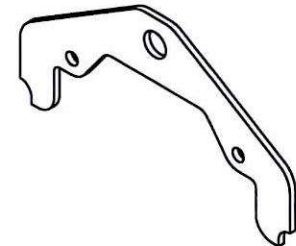
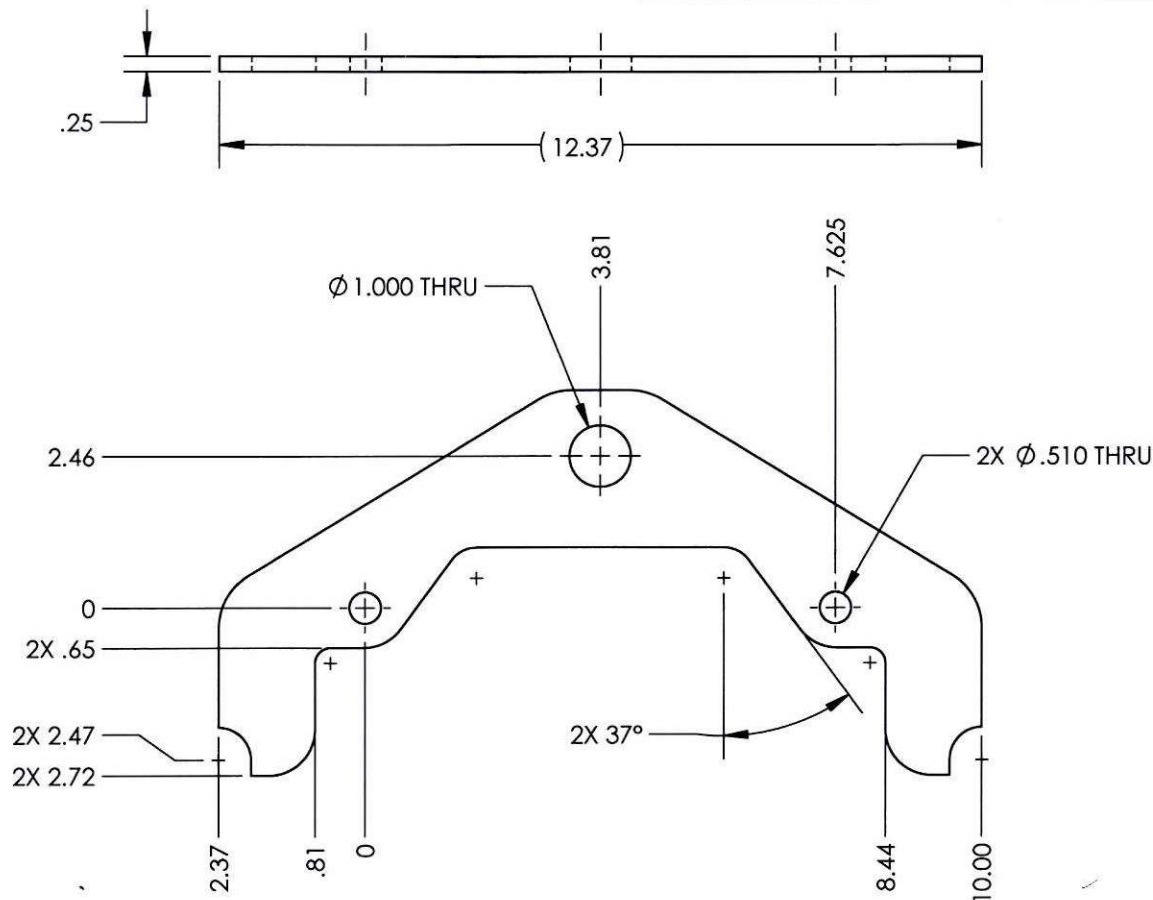


# INSPECTION SHEET

| Rev | Date     | Change    | Revised by | Approved |
|-----|----------|-----------|------------|----------|
| A   | 14.07.31 | New Issue | KJ         |          |

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| REVISIONS |         |                                                                                                                                                                       |           |         |          |
|-----------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------|----------|
| REV       | ECR     | DESCRIPTION                                                                                                                                                           | DATE      | INITIAL | APPROVED |
| 1         |         | AS DRAWN BY CANAM                                                                                                                                                     | 11/5/2012 | JAG     |          |
| 2         | 15-0100 | UPDATED TO NEW DRAFTING STANDARDS. INCREASED MOUNTING HOLE LOCATION 2 INCHES FOR KEEPERLESS OPTION.                                                                   | 5/7/2015  | RJC     | JAG      |
| 3         | 15-0220 | CH'D MATL WAS 1018/1020 IS A36. CH'D DIM WAS 12.37 IS (12.37). DELETED DIMS 4X R1.00, 2X 59°, 9.48, 2X R.25, 2X R.50, 5.82, 1.81, 1.85, 2X R.53, .98. ADDED DXF NOTE. | 8/24/2015 | DPD     | JAG      |



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WORK ORDER  
NO. 175741  
APR 10 2018

NOTE:  
USE DXF PROFILE FOR PART CONTOURS.

|                                                        |                        |
|--------------------------------------------------------|------------------------|
| <b>DART<br/>AEROSPACE</b>                              |                        |
| TITLE<br><b>LIFTING PLATE</b>                          |                        |
| DWG NO.<br><b>C45-18-1</b>                             | REV<br><b>3</b>        |
| MAT'L A36                                              | DRAWN BY: CANAM        |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES | APPROVED <i>D Weil</i> |
| .XXX ± .010                                            | FRACTIONS ± 1/8        |
| .XX ± .03                                              | ANGLES ± 5°            |
| .X ± .1                                                |                        |
| 1. BREAK ALL SHARP EDGES .015 x 45°<br>OR .015R        | SPEC                   |
| 2. DIMENSIONAL LIMITS APPLY AFTER<br>PLATING           | USED ON MODEL          |
| SCALE 1:3                                              | DATE 2/17/2000         |
| SHEET 1 OF 1                                           |                        |

| ASSY QTY | ASSY QTY | B/O | Part #   | UNIT QTY | Description   | Material | B/O INFORMATION OR SPECIFICATIONS |
|----------|----------|-----|----------|----------|---------------|----------|-----------------------------------|
|          |          |     | C45-18-1 | 1        | LIFTING PLATE | A36      |                                   |